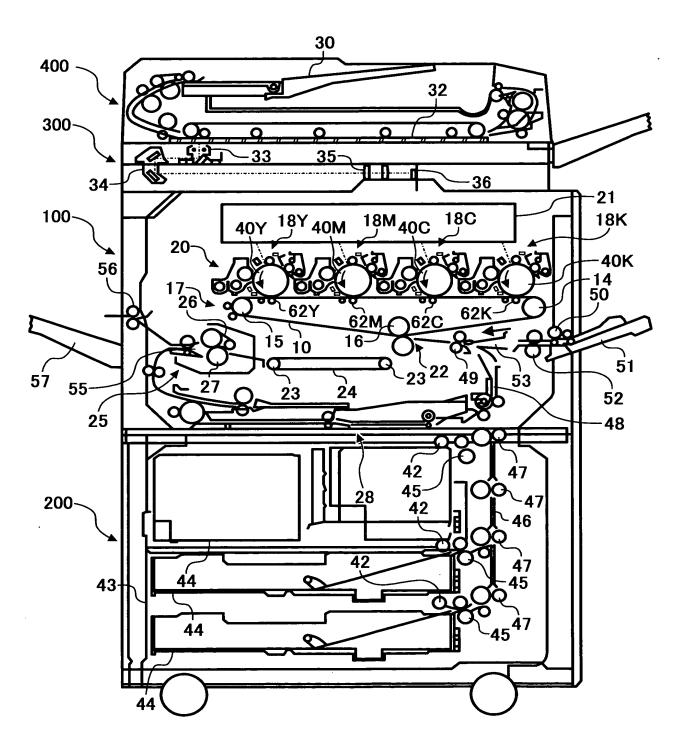


FIG. 1



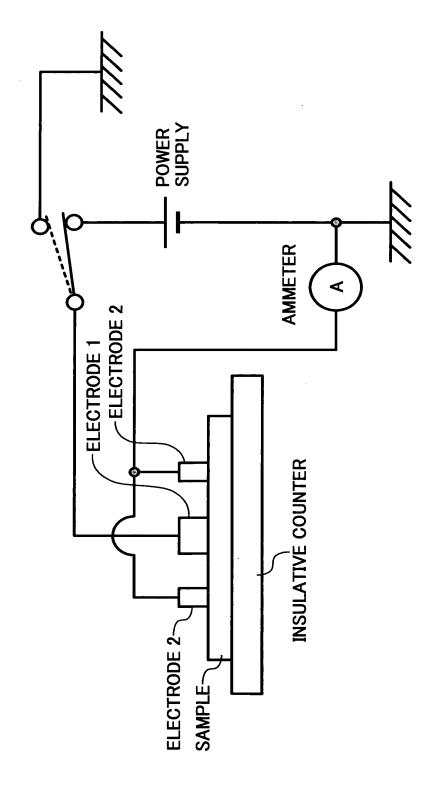


FIG. 2

> -					
TRANSFERABILITY RANK	9	9	4.5	4	3.5
SURFACE RESISTIVITY VARIATION IN ABSOLUTE VALUE log (Ω/□)	0.01	0.28	0.45	0.50	0.55
BELT NO.	1	2	3	4	5

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FIG. 4

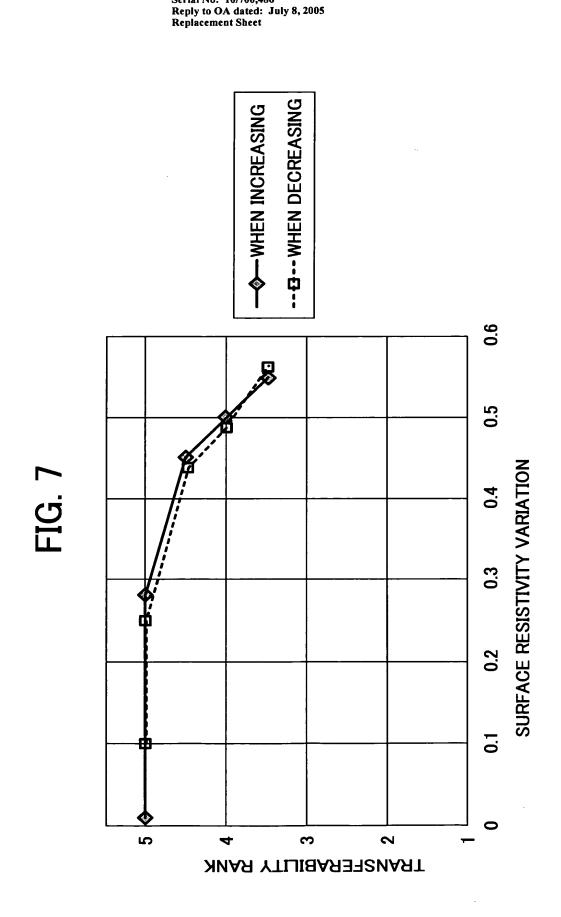
BELT NO.	SURFACE RESISTIVITY VARIATION IN ABSOLUTE VALUE log (Ω / □)	TRANSFERABILITY RANK
9	0.1	5
7	0.25	5
8	0.44	4.5
6	0.49	4
10	0.56	3.5

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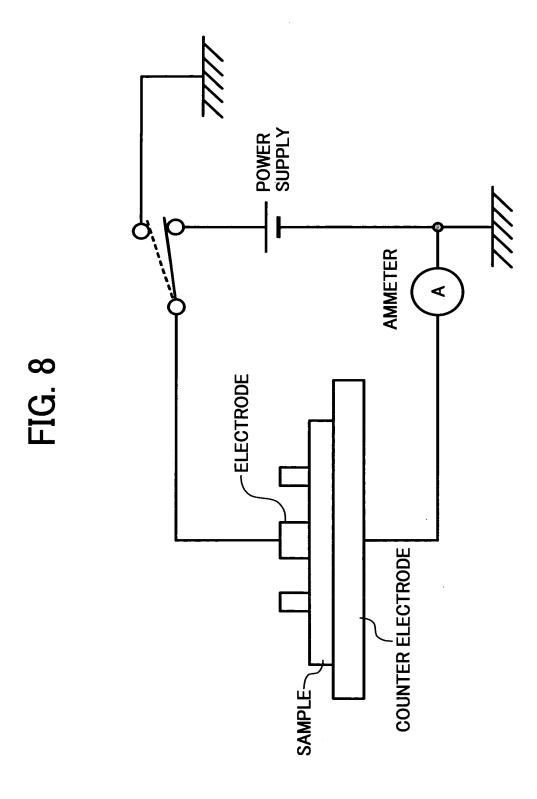
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FIG. 6



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BELT NO.	VOLUMETRIC RESISTIVITY VARIATION IN ABSOLUTE VALUE log (♀/□)	TRANSFERABILITY RANK
11	0.74	5
12	1.18	2
13	1.79	4.5
14	2.11	4
15	2.80	3.5

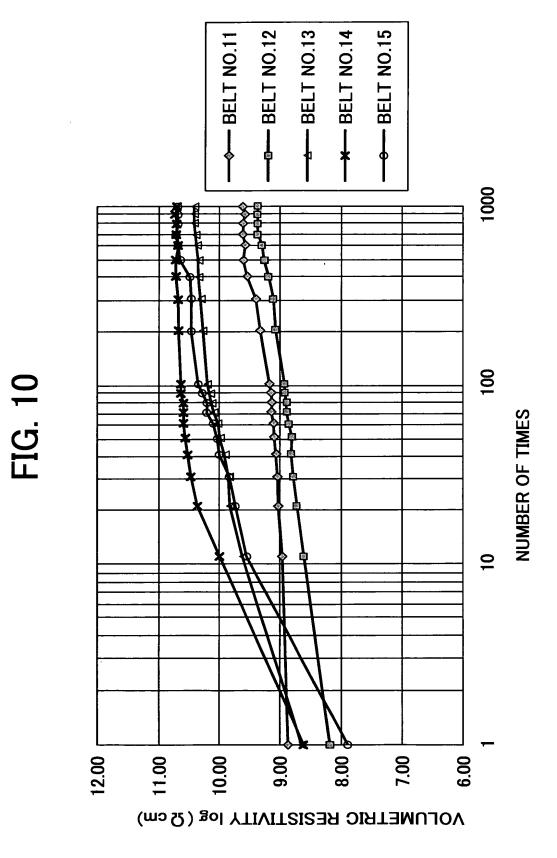


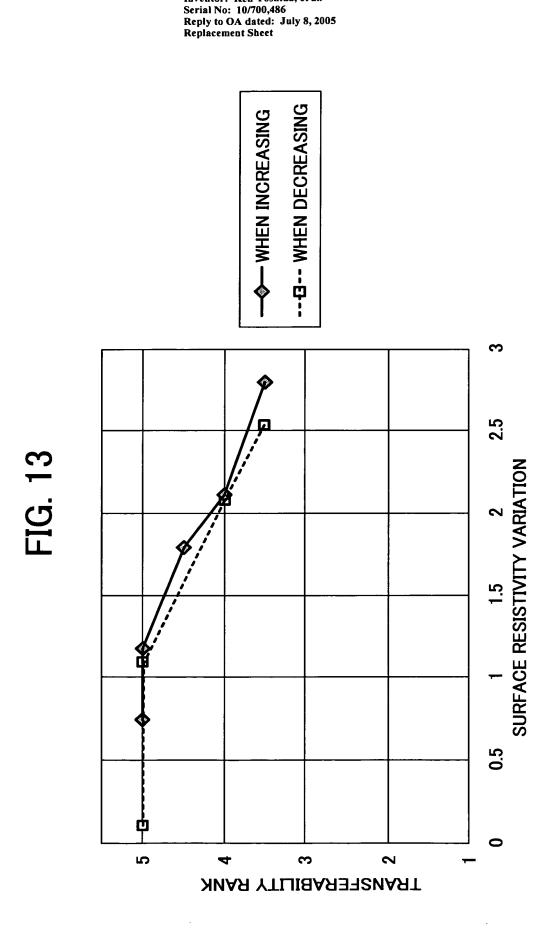
FIG. 11

BELT NO.	VOLUMETRIC RESISTIVITY VARIATION IN ABSOLUTE VALUE log (Ω/□)	TRANSFERABILITY RANK
16	0.11	5
17	1.09	2
18	2.08	4
19	2.53	3.5

VOLUMETRIC RESISTIVITY $\log (\Omega cm)$

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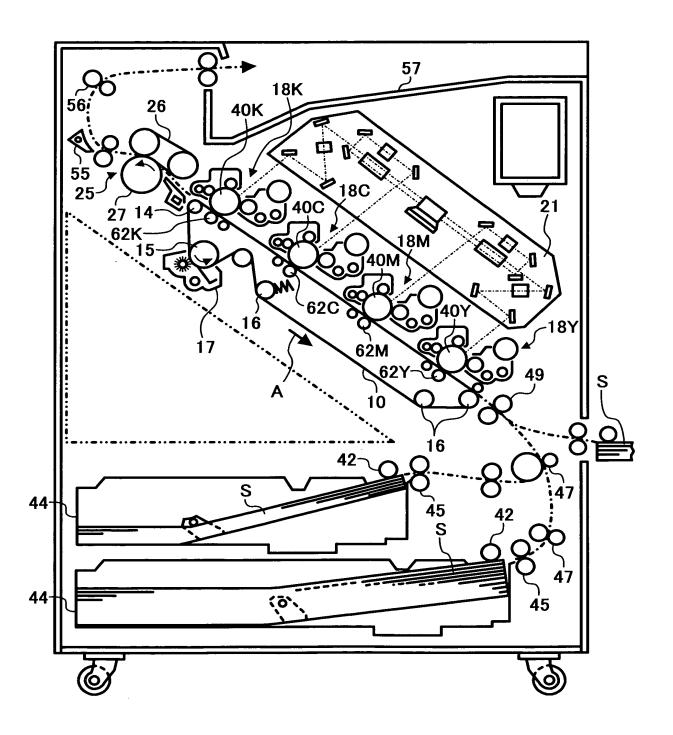


OBLON, SPIVAK, et al Docket No: 245042US2 Inventor: Ken Yoshida, et al.

FIG. 14

BELT NO.	BIAS CONTROL	IMAGE AREA RATIO	IMAGE DENSITY
-	CONSTANT	2%	0
	VOLTAGE	828	0
2	CONSTANT	%9	×
	CURRENT	828	0

FIG. 15



Replacement Sheet

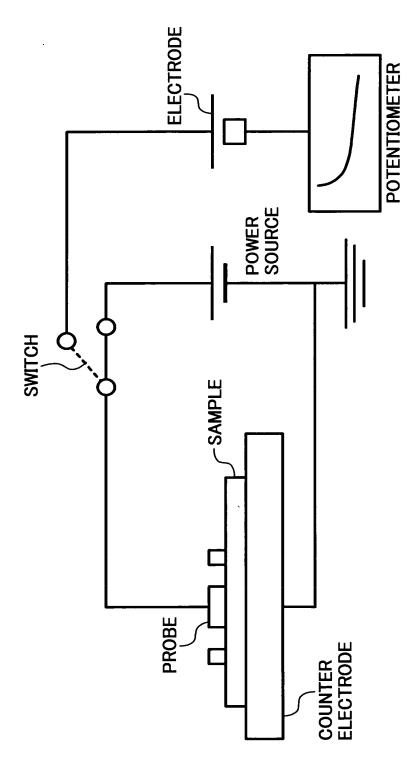


FIG. 16

FIG. 17

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IRREGULARITY	×	×	∇	0	0	0
T-SECOND POTENTIAL [V]	489	467	268	171	173	16
5-SECOND POTENTIAL [V]	481	436	207	134	151	- 11
BELT NO.	1	2	3	4	5	9

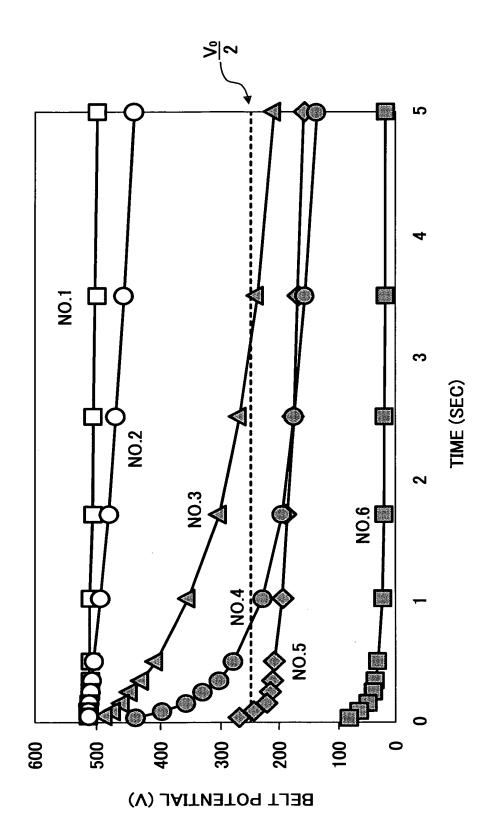


FIG. 18

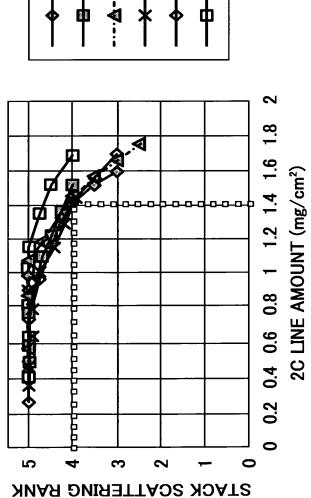
Rep	lac	em	ent	Sh	eet	

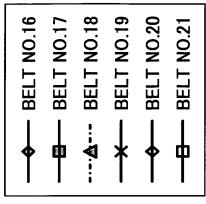
DISCHARGE MARK	0	0	0	0	0	0	0	V	×
TRANSFER RATIO	×	V	0	0	0	0	0	0	0
THICKNESS [µ m]	78.0	80.2	86.0	100.5	81.6	100.2	79.6	80.6	112.3
T-SECOND POTENTIAL [V]	20	32	40	489	48	207	467	162	222
5-SECOND POTENTIAL [V]	15	22	20	481	35	183	436	120	201
INNER SURFACE RESISTIVITY [Ω/□]	8.90×10^6	1.22×10^7	1.29×10^{8}	1.04×10^{9}	2.00×10^{9}	9.77×10^{9}	1.17×10 ¹⁰	7.21 × 10 ¹¹	5.88×10^{12}
BELT NO.	7	8	6	10	11	12	13	14	15

FIG. 19

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FIG. 20





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FIG. 21

BELT NO.	INNER SURFACE RESISTIVITY	5-SECOND POTENTIAL	T-SECOND POTENTIAL	THICKNESS
	[0/0]	[V]	[M]	[m m]
16	1.29×10^8	20	40	86.0
17	2.00×10^{9}	32	48	81.6
18	1.17×10^{10}	88	101	79.6
19	1.38×10^{11}	101	135	80.6
20	9.77×10^{9}	183	207	100.2
21	1.04×10^{9}	481	489	100.5



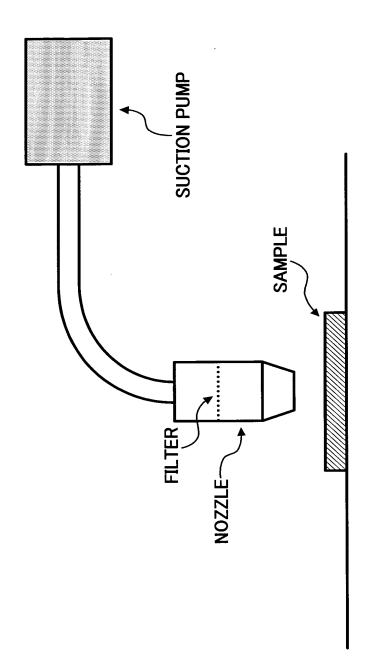
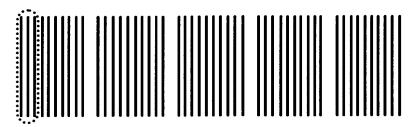
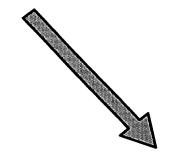


FIG. 23

LINE PORTION





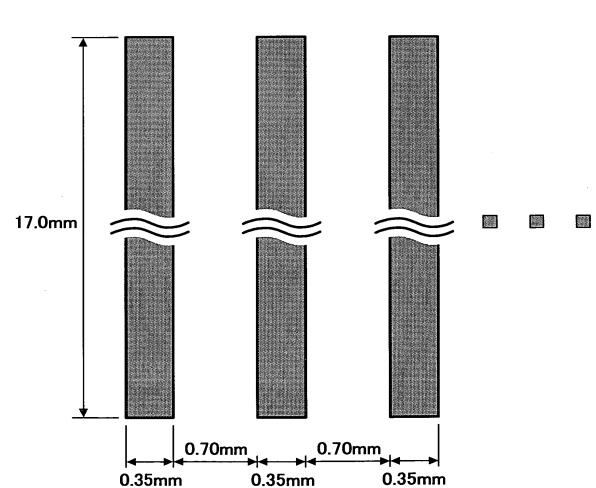
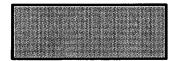
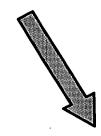
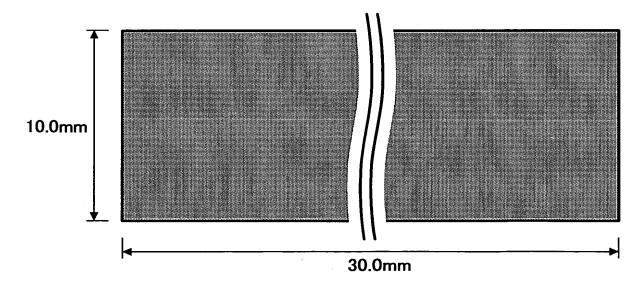


FIG. 24

SOLID PORTION







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	BE	BELT NO.18	BELT	_T NO.20	BEI	BELT NO.17	BEI	BELT NO.19	BEI	BELT NO.21	BEL	BELT NO.16
	M/A	STACK M/A SCATTE- RING	¥\₽	STACK SCATTE- RING	M/A	STACK SCATTE- RING	M/A	STACK SCATTE- RING	M/A	STACK SCATTE- RING	M/A	STACK SCATTE- RING
806	1.75	2.5			1.52	4	1.55	3.5				
80%	1.66	3	1.70	8	1.36	4.25	1.43	4	1.69	4	1.60	3
%0/	1.57	3.5	1.56	3.5	1.21	4.5	1.27	4.25	1.52	4.5	1.52	3.5
%09	1.46	4	1.41	b	1.09	4.75	1.13	4.5	1.35	4.75	1.42	4
55%	1.34	4.25	1.14	4.5	0.98	5	1.01	4.75	1.15	2	1.30	4.25
50%	1.18	4.75	0.96	4.75	0.89	2	0.89	2	1.03	2	1.22	4.5
40%	1.01	5	0.73	9	0.76	2	0.76	2	0.80	2	1.07	5
30%	0.77	5	0.51	2	0.63	5	0.62	5	0.61	2	98.0	2
25%	0.57	5	0.27	2	0.50	5	0.48	5	0.41	2	0.61	5
20%	0.39	2			0.38		0.36	2				

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FIG. 26

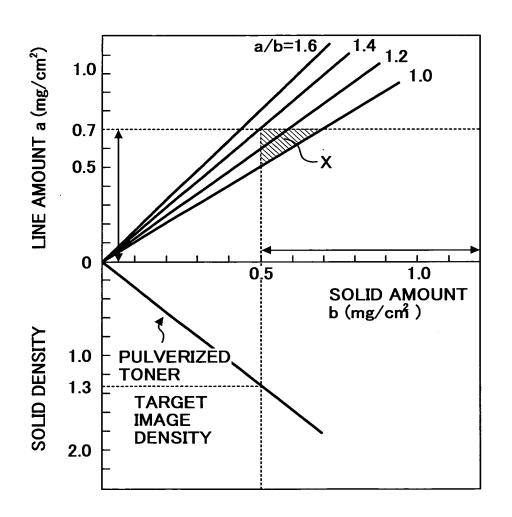


FIG. 27

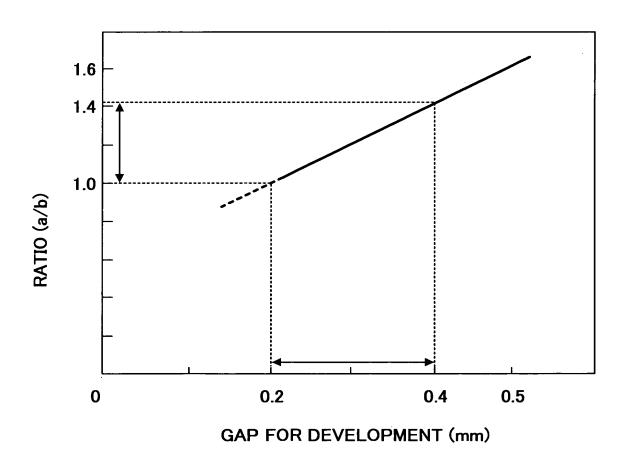
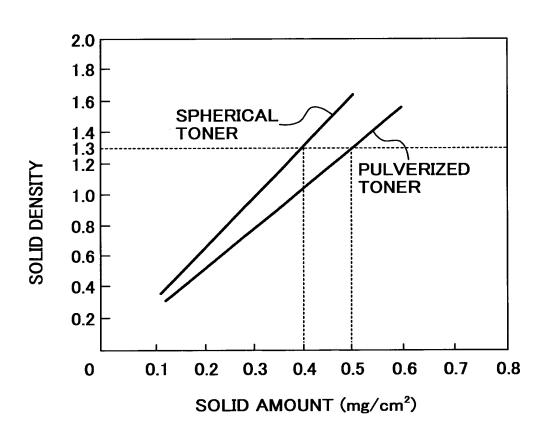


FIG. 28

JNG.		
STACK SCATTERING RANK	4.5	8
RATIO (a/b)	1.22	1.57
LINE AMOUNT	0.63	0.79
SOLID	0.5	0.5
SOLID	1.31	1.29
TONER	0.3 PULVERIZED	PULVERIZED
GAP	0.3	0.5
	EX. 5	COM.EX. 5

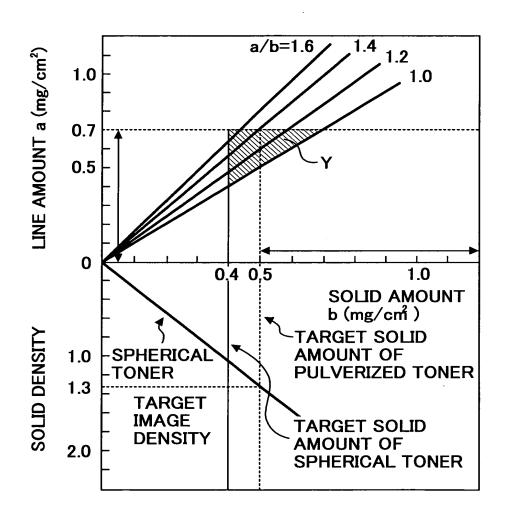
Replacement Sheet

FIG. 29



Replacement Sheet

FIG. 30



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SCATTERING CANISSION RANK	5 5	
RATIO S((a/b)	1.42	
LINE AMOUNT	0.58	
SOLID	0.41	
SOLID	1.31	
TONER	0.4 SPHERICAL	
GAP	0.4	
	EX. 6	

FIG. 32

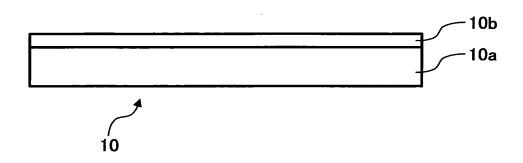


FIG. 33

BELT NO.	5-SECOND POTENTIAL [V]	IRREGULARITY	CLEANING
22	212	Δ	×
23	235	0	0

FIG. 34

BELT NO.	5-SECOND POTENTIAL [V]	T-SECOND POTENTIAL [V]	IRREGULARITY
1	481	495	×
2	436	480	×
3	207	311	Δ
4	134	198	0
5	151	190	0
6	11	16	0

FIG. 35

